

Y-12ers Will Move To Make Plant Look Better, Be Safer In Spring Clean-Up Campaign Beginning Monday; Close Inspections Are Planned



6-1322 Y-12 Photos By Vince Moore
BUILDINGS AND GROUNDS EMPLOYEES GOT THE jump on Clean-Up Week activities in Y-12 last week when they started dismantling a building in line with the objective of removing unused structures both for improving the appearance of the plant and to eliminate all possible fire hazards. L. A. Walton, on truck, is directing work being done by Webster Hughes and J. K. P. Robinson.

Distribution Of Safety Awards Expected In Y-12 In Few Days

Distribution of the second round of handsome individual safety awards to Y-12ers is expected to begin in the plant in a few days. Supervision will have charge of distributing the awards, which are being presented by the Company to employees who helped the plant achieve its second period of 1,500,000 man-hours of operation without a lost time accident. That latest period of accident-free operations was concluded December 6, 1949, and the first such mark was established December 22, 1948.

Will Get Award Certificate

In addition to the individual awards, every eligible employee also will receive a Safety Award Certificate, a two-inch by four-inch card with space for the name of the recipient and which will fit a billfold space.

As each award is given out by Supervision, the employee receiving it will be asked to sign the selection card on which he made his first and second choice pick of the seven articles offered.

Tackle Box Most Popular

The most popular award, according to the first choice requests made, was the tackle box. This handsomely finished metal box has six compartments in a top tray that folds into the bottom of the box when it is closed, comes with a lock and a key and is 15 inches long, six inches wide and five inches high. A total of 491 Y-12ers made the tackle box their first choice.

A kitchen set of cutlery of three vanadium steel knives of different sizes was the second most desirable award, according to the number of requests for the set, which reached 355. Next in line were 361 applications for the one-quart thermos bottle, 268 for the hand lantern and battery, 128 for the women's attractive compact, 106 for a pair of scissors and 14 for a stainless steel watch band.

SCHOOL GETS AWARD

The St. Louis Post Dispatch reports that Dr. Alfred H. Weber, professor of physics at St. Louis University, announced that the physics department of the university has received a \$4,050 award from the Atomic Energy Commission. The award was made for investigation of beta-decay spectra at very low energies.

New Controlled Area Decals Being Issued

Distribution of the new vehicle windshield decals to Y-12 employees for admittance to the Atomic Energy Commission controlled area in Oak Ridge is being made this week in the plant. The decals are being distributed by Supervision and replace the present red identification stickers that have been in use for several months.

All existing decals must be replaced with new ones before May 8, when the present ones become invalid.

The same numbers appearing on present decals will be retained so that family passes will not require changing.

Must Destroy Old Stickers

Employees receiving the new stickers are requested to destroy the old decals as they are replaced. The new stickers should be carefully applied according to instructions appearing on the back. The present location of stickers on windshields will remain the same.

Every employee is reminded that when a vehicle bearing a decal

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SAFETY SCOREBOARD

Your Plant Has
Operated
299 DAYS
Without A Lost Time
Accident
THROUGH APRIL 16

The annual Spring Clean-Up Week will get under way in Y-12 next Monday, April 24, and already departments and groups from one end of the plant to the other are preparing to throw bulldozers and brooms, mops and paint brushes into action to thoroughly clean every nook and cranny of the plant area. The objectives of the Spring Clean-Up Week are not only to make Y-12 spic and span to improve its appearance but eliminate any possible fire or accident hazards.

"Keep Y-12 Looking Nifty Throughout All Of 1950"

Following up the informal slogan of last year "Make Y-12 Shine During 1949" the fire, safety and security coordinators and members of the fire prevention and control department who are diligently carrying plans of the campaign to all employees have come up with another eye-catcher—"Keep Y-12 Looking Nifty Throughout All Of 1950."

The cleanup theme is being stressed at many safety and special meetings being held throughout Y-12 this week and every supervisor in the plant is urged to put forth every effort to see that localities under his direction are thoroughly cleaned up during the week. Widespread inspections will be held before, during and after the campaign to check on conditions and progress made in the movement.

Care Of Classified Documents

One of the items in the campaign calling for particular attention is the removal, storage or destruction of obsolete or unused classified documents that may have accumulated. Regular plant procedures cover this activity and should be closely followed because of the security angle involved. The Security Office, North Portal, telephone 7125, will provide full information on disposal of classified matter on request.

The annual Spring Clean-Up campaign is a part of the year-around fire prevention and safety program of the plant and most of the activities stressed during the week are carried out month after month. For instance, the Y-12 Fire Department urges that at all times aisles, stairways, entrances and exits to every building of the plant be kept clear. This is both a fire prevention and safety measure. Full access to all fire fighting equipment at all times also is pointed out as being necessary to a successful fire prevention campaign.

Rubbish To Be Removed

Offices, work shops, laboratories and outside areas around buildings all will come in for attention during the campaign. Employees are asked to thoroughly clean out desks, cabinets vaults, lockers and other places where articles may have accumulated during the winter that are now found unnecessary and can be disposed of. The Maintenance Division is making arrangements for special calls to pick up rubbish and trash that piles up during the campaign.

Roads, streets and grounds also will be cleaned during the week and several old buildings are scheduled for removal.

The fire, safety and security coordinators who are carrying the campaign to plant personnel and their divisions are Lee Bagwell, Industrial Relations; W. S. Herron, Chemical; Nelson Tibbatts, Maintenance; W. A. Davis, Manufacturing Offices; W. M. Hopkins, Engineering; and Ward Foster, Research and Development. Y-12 Fire Chief John W. Hughey and Capt. W. O. Elam are working closely with the coordinators in an effort to carry out the campaign in the most efficient manner.

Dr. C. A. Kraus Is Honored By University



THIS PORTRAIT OF DR. C. A. Kraus, done in oil by his artist-friend William Dacey, recently was unveiled at Brown University. Dr. Kraus is well known by Y-12 scientists.

Back in the days of hurry and hustle of 1944 and 1945 with thousands of men and women constantly on the go all around the clock the operations of Y-12 required the visitation of quite a number of consultants and experts. Few of them drew even a passing glance except from the groups with whom they worked—but when Dr. Charles A. Kraus, of Brown University, came to the plant more than one head was turned as the distinguished-looking scientist went on his errands.

Slender, slightly-stooped, white-haired with sparkling blue eyes and a sharply pointed white goatee, Dr. Kraus was a frequent visitor to Y-12 during the hectic war-time days and still makes periodic trips to Oak Ridge as a consultant for Carbide.

Began Career As Physicist

Dr. Kraus is one of the leading figures in the field of chemistry and physics—in fact, he began his scientific career as a physicist. He was professor of chemistry and head of the graduate school of chemistry at Brown University, Providence, R. I. from 1924 until 1946, when he retired and became professor emeritus.

Honoring his activities the university recently unveiled a portrait of Dr. Kraus in the Metcalf Auditorium of the institution. The por-

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Walchli Will Address Physics Seminar Meet

Harold E. Walchli, of the Y-12 Isotope Research and Production Department, will be the principal speaker at the Oak Ridge Physics Seminar which meets in the East Lounge of the Ridge Recreation Hall at 4 o'clock, Friday afternoon, April 21. The subject of his talk will be "A Comparison of Nuclear Resonance Detection Methods."

He plans to discuss the principles of both nuclear resonance absorption and nuclear induction methods and compare the various experimental techniques used by Bloch, Blomberger, Pound, Purcell, and others. Of interest to Oak Ridge will be the application of nuclear resonance detection to the measurement of magnetic field strengths and the probing of small volumes for non-uniformities in magnetic field. Recently, these methods have been applied successfully to the very precise determination of certain properties associated with atomic nuclei, such as the nuclear magnetic moment which is a measure of the net motion of charges in the nuclear volume and the quadrupole moment which is a measure of the deformation of the nuclear charge distribution.

Walchli served as an engineer with the Bell Telephone Co. for a short time and then took graduate course work at Pennsylvania State College where he was an instructor in the Electrical Engineering Department and the Physics Department. After receiving his degree in electrical engineering he came to Oak Ridge in 1944 and is presently carrying on nuclear induction investigations in the Isotope Physics Group.



6-1327 Y-12 Photos By Vince Moore
Y-12 "ALUMNI" OF THE RECENTLY COMPLETED DALE Carnegie public speaking course, apparently barred from fireside practice, gathered in a sound-proofed room to demonstrate their learning. Appropriately mounted on soap boxes, Jim Keeton, left, and Bill Herron, third from left, support "Shorty" Heatherly as he goes into a lecture on something-or-other. Then comes Eddie Oliver, nervously biting his nails in studying his talk while at the right is Hal Potter, timing the proceedings. Despite this clowning, the Y-12ers expressed confidence that they had benefited by the course.

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Print By Ross Wins Camera Club Contest

The photographic print contest held by the Carbide Camera Club last Tuesday night, April 11, was won by Don Ross, of the Y-12 Health Physics Department. Second place went to Ken Jamieson, of Oak Ridge National Laboratory; while third place was won by S. A. Hluchan, also of ORNL.

The subject of the contest was animals and Ross' prize winning picture was of a pelican, taken recently in Florida. Jamieson's picture was of a fallow deer while Hluchan's entry showed a laughing alligator.

The prints were judged by Vince Moore, Y-12 photographer.

In addition to the print contest Frank Gordon, of Y-12, demonstrated some electronic timers and a film strip showing manufacture of film by the duPont Company, also was shown by James Dalton, of K-25.

Bridge Games Set By Carbide Wives

Canasta, bridge and rummy will be played at the monthly meeting of the Carbide Wives at 7:30 o'clock tonight, Wednesday, April 19, in the East Lounge of Ridge Recreation Hall. Mrs. Ralph Nicol, of the executive board, will be in charge of the meeting. Hostesses will be headed by Mrs. S. D. Holsey as chairman, and Mesdames Fred Sexton, J. W. Cottrell, John Mahoney, M. N. Strickland, Jr., Noel Isenhour and Edward Sternberg. All wives of Y-12 employees are cordially invited to attend all meetings of the Carbide Wives.



The following Y-12 employees were patients last week in the Oak Ridge Hospital: Aleene E. Carpenter, Analytical Laboratory; Frank W. Gallagher, Planning and Estimating; Arnold G. Kenerly, Buildings and Grounds.



A STORK SHOWER WAS GIVEN APRIL 6 BY WOMEN employees of the Y-12 Spectrographic Laboratory honoring Mrs. Robert Bennett. The shower was given at the home of Isabelle McMurray. Guests pictured above are, seated on floor, Debora Hubbs and Inez Thomas. Seated on chairs in front are, from left, Edwina Charles, Earline Banic, Nell Charles, Mrs. Robert Bennett, the honoree; Isabelle McMurray, Alice Jamison and Mrs. Harry King. Standing, from left, are Lenora Brushwood, Mary Nell Rawson, Alice Elder, Martha McCombs, Billy Britton, Mary Ruth McMurray and Martha May.

Dr. C. A. Kraus Is Honored By University

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trait, done in oil by William Dacey, of Princeton, Mass., an artist friend of Dr. Kraus for many years, replaces a photograph of the scientist that had hung in the auditorium for several years. Usually Center of Attraction

Dr. Kraus is 75 years old—but to his associates and students his all-around brilliance, congeniality, versatility and interest in people and events belie his age. Y-12ers who know him point out that these magnetic qualities almost universally make him the center of attraction in any gathering at which he is present.

For instance, there is Glen H. Clewett, development division head of the Chemical Research Department in Y-12; and Keith Brown, also of the department; who are high in their praise of the scientist. They recall how his work became noteworthy in the atomic energy field in the early days of the Manhattan Project. In connection with other Brown University scientists his duties in Y-12 consisted of furnishing advisory assistance needed in establishing, improving and regulating some of the chemical processes used here.

Would Talk On Any Subject

Brown, one of the many who were aided by this advisory assistance during the war years, recalled that Dr. Kraus would "talk on any subject at the drop of a hat," and do it intelligently and with authority.

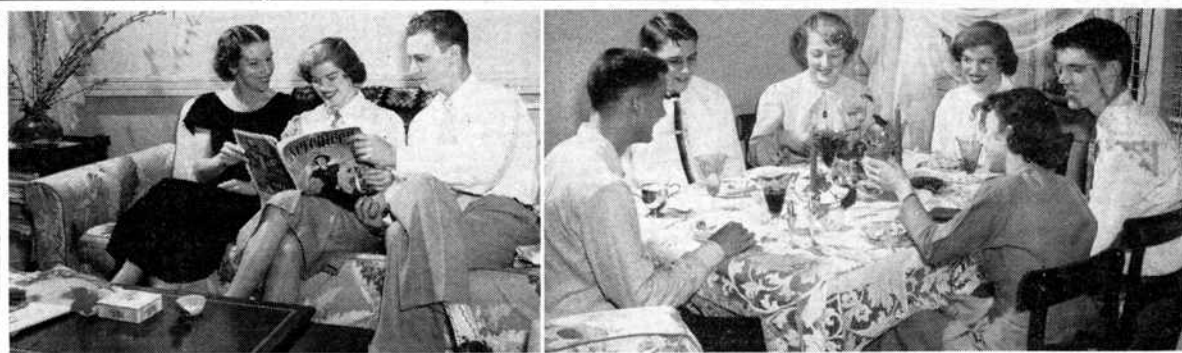
Brown also stressed the versatility of the scientist, pointing out that whenever he needed instruments that were not available to carry out experiments or problems he would either make them from materials at hand or go ahead and invent a new tool for the purpose. For instance, Dr. Kraus has invented several instruments pertaining to glass blowing when needed in his work and calmly announced when questioned as to who was the best glass blower in the world: "I am."

Kuhn Studied Under Dr. Kraus

Still another pioneer at Y-12 and former Brown University student now in the Chemical Research Department is Don W. Kuhn, who studied under Dr. Kraus for his doctorate degree, received last year.

Kuhn recalled his student days with Dr. Kraus and the interest shown by the professor in every individual—both during and after school hours.

"He liked to meet with students after classes at the University Club in Providence," Kuhn said, "where he would partake in conversations and discussions on subjects ranging from philosophy to politics and gardening." In fact, outside of his scientific activities in the field of chemistry, Dr. Kraus' only outside hobby was gardening, Kuhn recalled. Even in this field, his mind worked along that of a specialist and in "puttering around"



CONGENIAL SOCIAL CONTACTS ARE MAINTAINED BY Y-12ERS AND THEIR CHILDREN both on and off the job. These pictures show a birthday celebration recently arranged by James Thorpe, of the Maintenance Shops, and Mrs. Thorpe honoring their daughter, Patricia, on her 17th birthday. At left, Pat appropriately reads the magazine "Seventeen" while seated between her parents. At right she is hostess at a candlelight dinner at her home, 126 Orchard Lane, with her guests being classmates in the Oak Ridge High School junior class. Clockwise around the table are Eugene Gardner, son of H. C. Gardner, of Y-12; Ray Laudermilk, whose father is employed at K-25; Joan Upchurch, whose step-father is Milus Skidmore, of Y-12; Miss Patricia Thorpe, Ralph Waddell, Jr., son of a K-25 employee; and Mary Lou Peters, step-daughter of R. S. Phillipi, of Y-12.



Of course and naturally—Y-12ers were right in the front ranks when it came to volunteering to fight that forest fire up around Andersonville recently, among them being B. N. "Buz" Strunk, B. B. Thornton and J. D. McGuffin, all of the Stores Department. After the dangerous blaze has been quelled and assembly sounded for the fire fighters—only one of the Y-12 laddies returned to base. He was McGuffin. However, just as a search party was about to be organized, Buz and B. B. appeared on the scene, tired and wanting to go home. Seems they had gotten lost—for dang sure—and wandering on country lanes trying to locate the rest of the crowd. The department may subscribe for a compass for the lads.

Capt. W. O. Elam, of the Fire Department, went down to Alabama over the past week end.

Pauline Lovely, of Receiving and Shipping, visited Chattanooga over the week end.

A trip up to Elkhorn, W. Va., was enjoyed by Betty Stevens, of Health Physics, and her husband. They visited her folks.

Buildings and Grounds reports Oscar Smith spent a week's vacation just staying at home. . . W. L. Clinton also is vacationing up in Wallen's Creek, Ky., this week and likewise hopes to get in some fishing if the ice floes go out in time. . . Gosh, it seems as if everybody in the department now vacationing wants to go fishing. . . G. Craig is the latest listed angler.

he managed to develop distinct strains of corn in his garden at home at Princeton, Mass.

Former President of ACS

Outstanding in several fields of chemistry, Dr. Kraus has been particularly noted for his work in the development of ethyl gasoline, conductance of electrolytes in aqueous and non-aqueous solutions and atomic energy, to mention a few.

Dr. Kraus is a former president of the American Chemical Society and has received many honorary degrees and awards. Among them were the Nichols Medal in 1923, the Gibbs Medal in 1935, the Richards Medal in 1936 and the Franklin Medal, of the Franklin Institute, in 1938.

Dr. Kraus is a product of the Midwest, being born in Knightsville, Ind., and receiving his B. S. degree at the University of Kansas in 1899. After working on fellowships at the University of Kansas and at Johns Hopkins University from 1899 to 1901, he became an instructor of physics at the University of California in 1901, remaining until 1904. Later he was appointed research assistant at the Massachusetts Institute of Technology, where he received his doctoral degree in 1908. He remained with MIT until 1914, when he joined Clark University, Worcester, Mass., as professor of chemistry and director of the chemical laboratory. He served in that capacity until joining the faculty of Brown University in 1924.

Transportation Department folks are also vacationing. . . Jake Murray spent a week in Oliver Springs. . . E. B. Gilliard went to LaFollette. . . J. A. Williams is doing some farming around Luttrell the last two weeks of the month.

Paul Ziemke, of the Safety Department, and his folks motored up to Mammoth Cave, Ky., one of the wonders of the world, over the Easter holidays.

Virginia Smith, of Medical, spent the past week end with her parents in Dante, Va. . . Lillie Cobble and her husband, Ernie, of Buildings and Grounds, had his daughter and son-in-law and their children, from Kingsport, as week-end guests.

The Analytical Laboratory is offering condolences to Eunice Jones—she is laid up with the mumps.

The Superintendents Department welcomes John Price, recently transferred from the Security Office. . . Taking Price's desk there is Fred Sexton, formerly of Employment. . . Athala Markland, her husband and small daughter, spent Easter with relatives in Pineville, Ky.

Virginia Bowers Smith, of Chemical Research, spent the Easter holidays with her husband, G. H. Smith, in Baltimore and Washington. They were in Washington at the time of the Cherry Blossom Festival and saw the famous trees in bloom along the Potomac. Smith returned to Oak Ridge with his recent bride and spent the rest of the week with his relatives here. . . Margaret O'Neal spent Easter back home in Evansville, Ind.

Clyde Ferrell, of Property; and her husband, George, of Maintenance Shops; are vacationing at their home in Powell Valley and have as guests his folks from Westchester, Pa. The Ferrells plan to do a lot of fishing and are being aided and abetted by Russell Hopper, also of Maintenance Shops, who likewise is vacationing and helping plan the expedition. . . The department bids Lou Carter a fond farewell and much happiness in the future. She is going home to Waynesboro, Tenn.

Research Engineering welcomes Jeanne Wanamaker into the group. She is the daughter of W. J. Wanamaker, of Maintenance. . . The department congratulates Joe Culver, a former employee and frequent visitor, over the birth of a son April 6 at the Oak Ridge Hospital.

C. A. Johnson is welcomed back by Plant Engineering.

C. A. McAlister, Laundry Department supervisor, and his wife spent a recent week end visiting relatives in Chattanooga. . . Laura Kennedy has returned to work after a two-week vacation in Oak Ridge.

Isotope Research and Production employees got around considerably of late. . . Bill Burns and Boyd Weaver went to Chicago on a short business trip. . . Paul Hagelston and Ralph Hutchison spent a week in Columbus, Ohio, attending a conference at the Battelle Memorial Laboratories.

W. D. Hill and W. G. Van, both

Civilian Defense Training Course Underway In Ridge

A special five-week study in radiological defense now is being taken by a group of 22 men from 16 states. The program is known as the Civilian Radiological Defense Teachers Training Course and is being given jointly by the Oak Ridge Institute of Nuclear Studies and the Oak Ridge National Laboratory.

The participants in the course were selected by governors of the states they represent. On completing the course, they will supervise civilian defense training programs in their states as outlined by the chief executives. Subjects to be studied here include instrumentation, bomb phenomena, structure and nuclear reactions, radioactivity, and fission products, medical effects of bomb radiation and interaction of radiation with matter.

of Stores, are on the sick list and the department hopes they will be able to return soon. . . The Easter holidays found Mary Margaret Johnson in Mooresburg, Tenn. . . Eva Russell was in Whitesburg, Tenn. . . Jackie Tankersley dropped down to Chattanooga.

The Assay Laboratory reports Belle Thompson and her husband spent the past week end in Union Springs, Ala. . . Annie Rogers is sent get well quick wishes. . . The delegation from Pennington Gap, Va., Mattie Anderson, Ozell Pass and Lou Kelly, spent the past week end with their families in that locality.

Isotope Research and Production returns with some more notes of departmental activity, sending sympathy to Leo Caldwell and family, who were called to Oxford, Miss., because of the death of his mother-in-law. . . Paul Wilkinson and family spent Easter with Mrs. Wilkinson's family in Union, Tenn. . . Bill Leyshon and his wife, Emily, of Chemical Research, drove up to Plano, Ill., on Easter Sunday to attend her sister's wedding.

A little item was overlooked in the column last week but the Vincent Moore (he's the Y-12 picture maker) family observed Coincidence Day April 7. It seems that April 7 is the birthday both of Vince and his wife, Alma. Her name was Moore before she married Moore—and to carry the situation on a bit, both of the Moore fathers had the same first name, James.

Congrats to a pair of progeny of Y-12 parents. . . Robert Eugene Helton, Jr., son of Bob Helton, of Isotope Research and Production, is a proud recipient of a Naval Reserve Officers Training Corps scholarship to a college or university of his choice. He is one of three among 50 candidates for the scholarship that made the grade in East Tennessee. . . Then there is Larry Lavers, son of Y-12 Area Superintendent W. D. Lavers, championship speller of Oak Ridge, who will compete in the Southern Appalachian Spelling Bee in Knoxville April 26 against the best letter manipulators in the section.

PLANT GOLF LOOP OPENS PLAY THIS WEEK

10 Teams In League; Schedule Is Announced

The Y-12 Golf League, with a membership of 10 teams, is scheduled to begin operations this week over the sporty Oak Ridge Golf and Country Club course. A schedule has been drawn up calling for one full round of play, with each team playing every other team once and at the end of the regular schedule the first five teams will engage in a playoff for the league championship.

Plant Tourney May Be Held

In addition to the league competition Y-12 golfers also will see action in a plant tournament if there is sufficient demand for staging such an event after the league season is completed.

The usual inter-company golf matches also are expected to be played sometime during the summer with Y-12 defending the title it won last year. The Y-12 trophy case now has two fine prizes retired in competition by plant golfers against strong teams from other groups in Oak Ridge.

Teams And Members Given

According to rosters now on file at the Recreation Office the names and members of the 10 clubs composing the league follow:

Rippers—Floyd Ludwig, Arnold Tiller, Jay Holtzknicht, Archer Hooker, H. D. Duncan and C. G. Hubbard.

Chippers—Leo Caldwell, Bob Orison, Joe Walton, Elmer Olsen, and O. M. Garrett.

Hooks—W. M. Reynolds, Ken Bernander, C. E. Harris, Don Matlock, John Martin and Harvey Keese.

Green Rays—Bill Wanamaker, Nelson Tibbatts, Elmore Koons and Joe Dunlap.

Four Woods—George Nessle, George Peterson, Ed Greeley, L. E. Burkhardt, Lyle G. Overholser.

Four Hundreds—Ward Foster, K. B. Brown, Dave Crouse and Warren Grimes.

Rough Riders—Clyde Bowles, W. D. Lavers, H. J. Ratjen, George Mitchel and L. H. Barker.

Bldg. 9212—C. L. Matthews, W. A. Sherrod, A. D. Cotton, W. C. Seymour, P. D. Tilson and N. H. Mackay.

Left Overs—Bill Morgan, Phil Rueff, G. W. Keilholtz and F. C. Lowry.

Deacons—G. C. Henderson, Gentry Underwood, Joe White, Clarence Johnson and Ed Cain.

The complete schedule for the league for play beginning April 18 and including matches of June 16 follows:

April 18—Rippers vs Chippers.
April 19—Hooks vs Green Rays.
Four Woods vs Four Hundreds.

April 20—Rough Riders vs Bldg. 9212.

April 21—Deacons vs Left Overs.

April 25—Bldg. 9212 vs Hooks.

April 26 Left Overs vs Four Woods.

April 27—Deacons vs Rough Riders. Chippers vs Green Rays.

April 28—Four Hundreds vs Rippers.

May 2—Green Rays vs Four Hundreds.

May 3—Rippers vs Bldg. 9212.

Left Overs vs. Hooks.

May 4—Deacons vs Four Woods.

May 5—Rough Riders vs Chippers.

May 9—Rough Riders vs Four Woods.

May 10—Chippers vs Four Hundreds.

May 11—Green Rays vs Bldg. 9212.

May 12—Left Overs vs Rippers.

Hooks vs Deacons.

May 16—Chippers vs Left Overs.

May 17—Bldg. 9212 vs Deacons.

May 18—Rippers vs Hooks.

May 19—Four Hundreds vs Rough Riders. Green Rays vs Four Woods.

May 23—Deacons vs Green Rays.

May 24—Four Hundreds vs Left Overs. Bldg. 9212 vs Chippers.

May 25—Four Woods vs Hooks.

May 26—Rippers vs Rough Riders.

May 30—Four Woods vs Rippers.

May 31—Green Rays vs Rough Riders.

SPORTS NEWS



STUBBORN OPPOSITION FOR ALL OTHER BOWLING teams in the B League has been given by the Cubs, pictured above. Standing, from left, are Charlie Green, Joe Thomas and C. H. Noe while seated are Charlie Bickett, Al Townsend, Bill Haase and Homer Packs.

New Diamond Drill Sessions Set; Softball Loop Meets Thursday

Baby, it was cold outside last week. Therefore, diamond aspirants for baseball and softball teams to represent Y-12 in Oak Ridge competition and also for the plant league teams just took another hitch in their mufflers, snuggled closer down in their earmuffs and turned off the alarm clock awaiting a more auspicious occasion for beginning spring training.

However, an extended schedule of practice sessions for men and women softball players and candidates for the varsity baseball club has been arranged and with the first bit of warm weather they are expected to swarm all over the training fields.

Meanwhile a final organizational meeting of managers and players on plant league softball teams will be held at 1:30 o'clock Thursday afternoon of this week, April 20. So far five of the six teams competing in the loop last year are back for the 1950 season, they being the Rippers, All Stars, Isotopes, Bums and Bldg. 9212. The All Americans, the sixth team in the loop last year, is expected to have some representatives on hand this week.

The new and revised practice schedule follows:

Baseball
Gamble Valley Park
April 20, 5:30 p.m.; April 25, 7:30 p.m.; April 27, 5:30 p.m.; May 2, 7:30 p.m.; May 5, 5:30 p.m.

Men's Softball
Pinewood Park
April 19, 7 p.m.; April 21, 5:30 p.m.; April 25, 5:30 p.m.; April 27, 7:30 p.m.

Women's Softball
Fairview School
April 19, 24 and 26, all at 5:30 p.m.

Ernie Cobble Leads Y-12ers In Whitewash Of Grocers
The Y-12 men's varsity bowling team continued its late sweep through the Oak Ridge City League at the Oak Terrace alleys April 10 when they whitewashed the Wholesale Grocers for three games and total pinnage. The Y-12ers put together games of 869, 916, 865—2,650 against 848, 804, 837—2,489 for the losers.

Ernie Cobble turned in one of the best Y-12 scores of the season to lead his team with 200, 183, 205—588. Elmore Koons had the best individual single game of 206 sandwiched between games of 157 and 184 for a 547 total. Other Y-12 scores were Conrad Roberts 161, 160, 190—511; Frank Gragg 174, 181, 156—511; and Nelson Tibbatts 177, 186, 130—493.

June 1—Four Hundreds vs Deacons. Bldg. 9212 vs Left Overs.
June 2—Chippers vs Hooks.
June 6—Left Overs vs Rough Riders.
June 7—Deacons vs Chippers. Rippers vs Green Rays.
June 8—Hooks vs Four Hundreds.
June 9—Four Woods vs Bldg. 9212.
June 13—Four Hundreds vs Bldg. 9212.
June 14—Rough Riders vs Hooks. Chippers vs Four Woods.
June 15—Rippers vs Deacons.
June 16—Left Overs vs Green Rays.

Y-12 Pin Smashers Hit High In Tourney

A review of the scoring in the Y-12 plant bowling tournament held April 8 and 9 at the Oak Terrace reveals the exceptionally high quality of pin smashing staged during the event by both teams and individuals. No city records were broken but the average scores posted were in most cases higher than in other tournaments held in Oak Ridge during this or past seasons.

Scores of the trophy winners were published in The Bulletin last week and since that time a compilation of the tournament scores down through the first five places in the various events show the high calibre of bowling displayed.

In team scratch scoring the Termites were first with 2,576, followed by Wolves 2,504, Orphans 2,497, Rippers 2,478 and All Stars 2,453.

The Termites also posted the best team handicap score of 2,999 with the other top four teams being the Hornets 2,942, Strikers 2,915, Comets 2,904, and All Stars, 2,900. R. Roberts Best Scratch Bowler

Roy Roberts rolled a sizzling 630 scratch series for tops in that bracket but was closely pressed by Conrad Roberts with 623. Ernie Cobble, Frank Knox and Bill Burns were tied for 569 each to round out the top five.

Tommy Hendricks took top honors in handicap series scoring with 693 and again Conrad Roberts was second with 683. Then came Fred Kappelmann with 667, Roy Roberts 660 and Knox 659.

In doubles Leo Caldwell and Harold Ratjen paced the field with 1,110. Next in line were Bill Tunnell and Wes Savage 1,090, C. G. Hubbard and Arnold Tiller 1,081, Burns and Kappelmann 1,078 and Rudy Pletz and R. Roberts 1,066.

Caldwell And Ratjen Tops
Caldwell and Ratjen also had the best doubles handicap score of 1,305, followed by Tiller and Hubbard 1,300, Burns and Kappelmann 1,246, Roy Webber and John Gordon 1,233, and E. J. Spitzer and J. A. Griffin 1,210.

Roy and Conrad Roberts continued their domination of scratch scoring by running one-two in all events, consisting of nine games rolled. R. Roberts had 1,759 and Conrad Roberts 1,687 with Cobble 1,674, Kappelmann 1,665 and Burns 1,599.

In handicap all events scoring Kappelmann was tops with 1,950, followed by Caldwell 1,886, C. Roberts 1,867, Hendricks 1,860 and Burns 1,854.

245 Best Single Game
The high single game of the tournament was the 245 posted by Hendricks. R. Roberts was next with 235, L. H. Barker had 234, Hubbard 229 and Knox 225. Highest handicap single game honors also went to Hendricks with 297 with Hubbard getting 269, Knox 255 and Griffin and George McPherson tied at 253.

R. Roberts, consistently one of the best bowlers in Oak Ridge, showed his ability by averaging 195.4 pins per game in his nine games rolled, which is good scratch scoring in any competition. Kappelmann had the best handicap average in all events with 216.6.

The best team average scratch score was posted by the Termites with 858.6 and the same team had the best handicap average with 999.5.

Decontamination Seen Made Practical

Lieut. Col. Richard D. Wolfe, deputy director of the Navy Radiological Defense Laboratory at San Francisco, is quoted in a recent issue of the Marine Corps Gazette as saying that within a year or two a practical and relatively economical means of decontamination of after-effects of radioactivity will have been reached.

Maintenance, Rippers Both Lost In B Loop

Both the Maintenance and Rippers bowling teams of the B League, current holders of first and second places in the loop, took it on the chin last Thursday night. The bumptious Bumpers bumped Maintenance and the All Stars fell on the Rippers, each victory being taken by three points. Maintenance now has a three-point lead with but two more nights of bowling in which the Rippers have a chance to overtake the leaders.

Bums Win By Shutout

In other league contests last Thursday the Comets took three from the Cubs, One-91 three from the Tigers and the Bums four from the Head Pins.

W. R. McGill, of the Bumpers, had the best single game scores of the night, rolling a fine 223 scratch score and boosting it to 254 with handicap. Rudy Pletz, of the Comets, posted a 566 scratch series to top the others and Bill Haase, of the Cubs, came through with a 662 handicap series.

Bumpers Take Most Honors

The Bumpers walked away with most of the team scoring honors. They ran up a 1,074 handicap single game and 3,015 handicap series for second high scoring in these brackets in the second round. They also had a 915 scratch single game. The Wolves had the best scratch series score of 2,568.

Y-12 Keglerettes Defeat Atomizers In Alley Matches

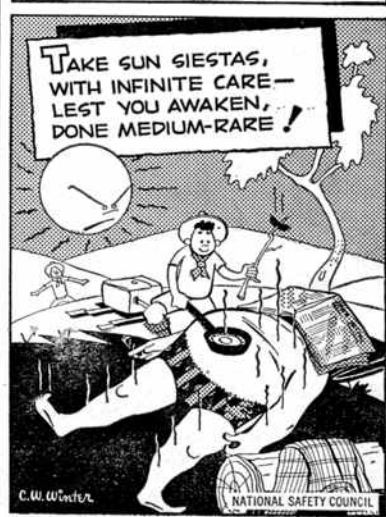
Despite the fact that some of the bowlers had one of those bad nights that can't be helped in even the highest ranks, the Y-12 women's varsity bowling team managed to win two out of three games and take total pinnage from the last-place Atomizers in the Oak Ridge City League last Thursday night at the Oak Terrace. The Y-12ers rolled games of 736, 705, 615—2,056 to 645, 665, 630—1,940 for the losers.

Margaret O'Neal topped the victors with 170, 163, 143—476; and was closely followed by Olyne Poindexter with 151, 166, 143—460. Usually reliable Ruth Law started out with a 178 for the best single game of the night but tapered off with 141 and 83 for a total of 402. Katie Williams had 124, 119, 138—381; and Betty Sherman, whose W League average of 136 led the loop in plant competition, had the misfortune of posting games of 113, 116, 108—337.

MUST PROTECT SECRETS

Editorially the Philadelphia Inquirer feels that the end of the Fuchs case should be a warning to the United States to be on guard against other spies and take all necessary steps to prevent theft of the nation's vital atomic and military secrets.

SAFE BETS



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Y-12 Chemists May Attend Two Sessions Set For Knoxville

Many Y-12 members of the East Tennessee Section of the American Chemical Society and of the Analytical Chemists Group of the section will attend meetings of the section and group during the next few days in Knoxville. The entire section will meet tomorrow night, Thursday, April 20, while the Analytical Group will meet next Monday night, April 24, both meetings being set for 8 p.m. at Dabney Hall, University of Tennessee.

Field Maintenance Attendance Leader

Newcomers took over the top three places in the Major League attendance ratings for the week ending April 9 and five Minor League departments of the seven with perfect attendance records for the previous week duplicated the mark. After a two-week stay on top of the Major League standings, one with a perfect attendance mark, Electrical Maintenance dropped down to seventh place.

Advanced From Third Place

Leading in the Major League for the week ending April 9 was Field Maintenance with only .2 per cent of its members absent. This department was in third place the previous week. In second place was Chemical with an absentee mark of .3 per cent and which advanced from sixth place. Advancing from fourth to third place was Buildings and Grounds with an absentee record of .5 per cent.

The five repeaters in the Minor League were Employee Relations, Transportation, Cafeteria and Canteen, Manufacturing Offices and Planning and Estimating. Advancing from third and seventh places held the preceding week to a tie for first were Maintenance Utilities and Uranium Control and Computing.

Property, Laundry Make Climb

Second place in the Minor League was taken by the Property Department with an absentee mark of 1.1 per cent, advancing from fourth place. Jumping up from sixth place to third with 1.5 per cent of its personnel absent was the Laundry.

The plant-wide absentee percentage for the week ending April 9 was 2.6, an increase of .3 per cent over the previous week. The standing, by departments, follows:

MAJOR LEAGUE			
Dept.	Percentage Absent	Standing 4-9-50	4-2-50
2015	0.2	1	3
2619	0.3	2	6
2014	0.5	3	4
2283	1.8	4	7
2091	1.9	5	10
2077	2.1	6	1
2142	2.2	7	9
2003	2.7	8	12
2616	2.9	9	8
2360	3.3	10	2
2300	3.8	11	5
2282	5.2	12	11
2320	6.8	13	13

Group absentee percentage was 2.6 per cent, remaining the same as the preceding week.

MINOR LEAGUE			
Dept.	Percentage Absent	Standing 4-9-50	4-2-50
2109	0.0	1	1
2008	0.0	1	1
2107	0.0	1	1
2133	0.0	1	1
2002	0.0	1	1
2005	0.0	1	3
2739	0.0	1	7
2140	1.1	2	4
2096	1.5	3	6
2270	2.4	4	5
2001	3.2	5	2
2060	3.5	6	1
2743	4.6	7	1
2143	5.0	8	8
2260	7.0	9	9

Group absentee percentage was two per cent, .6 per cent higher than the preceding week.

The plant average for the week ending April 9 was 2.6 per cent, .3 per cent higher than the preceding week.

The meeting Thursday night will be addressed by Dr. Raymond E. Kirk, dean of the graduate school and head of the department of chemistry of the Brooklyn Polytechnic Institute. Dr. Kirk's subject will be "The Chemist As A Professional Man." This session will be preceded by a dinner at the S & W Cafeteria in Knoxville.

Dr. C. J. Barton of Y-12, chairman of the Analytical Chemists Group, will preside at the meeting of that group. The program for the meeting will feature a spectrographic panel presented by L. W. Burkhardt, of Y-12; Dr. L. H. Rogers, of K-25; Cyrus Feldman, of Oak Ridge National Laboratory; and Louis E. Owen, of Fairchild. The topic of the discussions will be "From Argon to Xenon With Gun and Camera" or "Accomplishments, Potentialities and Limitations of Quantitative Emission Spectrochemistry."

Dr. L. W. Ball Will Address Society For Metals Meeting

Y-12 members of the American Society for Metals are urged to attend the chapter meeting at 8 o'clock Wednesday night, April 19, in the Oak Terrace ballroom when the principal address will be made by Dr. Leslie W. Ball, of the United States Naval Ordnance Laboratory, Silver Spring, Md. The meeting is open to the public.

Dr. Ball's topic will be "Interpretation of Radiographs of Metal Parts." Dr. Ball is chief of the Mechanical Evaluation Division of the newly-established naval laboratory and also is president of the Society for Non-Destructive Testing. In that field his experience has been extensive in Canada, England and the United States.



UNDERWATER PICTURES OF PRETTY GIRLS GIVE PHOTOGRAPHERS VISITING FLORIDA a field day—and Don Ross, of Health Physics, was no exception. On a recent vacation trip to the Sunshine State Don made these action shots at picturesque Weekiwachee Springs, 26 miles north of New Port Richey, as the girls cavorted for the entertainment of tourists in the crystal-clear waters. The girl at left apparently is just taking it easy on the floor of the springs while the insert picture shows the same mermaid and a companion imbibing in a soft drink and eating a banana while submerged. The tube with bubbles emerging conveys air to the girls and the fins on their feet enable them to put on an underwater swimming exhibition with ease. The poor (?) fish apparently are unconcerned over the invasion of their watery kingdom and just go about their business.

New Controlled Area Decals Being Issued

(Continued from Page 1)

sticker for admittance to the controlled area is sold or otherwise disposed of that he is responsible for destroying the sticker and for reporting to the Y-12 Badge and Pass Office that this has been done. New Employee Decals Are Green

The new decals for employee identification will be green. Those for commercial vehicles will be blue and transit vehicles will have a black sticker.

The normal and preferred position for the decals is at the upper left corner of the right section of the windshield. However, if another required sticker is affixed in that position, the decal may be placed at the upper right corner of the left section of the windshield. For automobiles with sun visors the decal should be placed at the bottom of the right hand portion of the windshield directly above the usual location of Oak Ridge Safety Lane stickers. When automobiles have rear view mirrors mounted on the front dash the sticker may be placed at the lower left hand corner of the right section of the windshield.

Math, Biometric Bodies To Meet On April 21, 22

The American Mathematical Society will hold its 456th meeting Friday and Saturday of this week, April 21 and 22, in Oak Ridge in conjunction with the Biometric Society, another national organization. All sessions of both bodies will be held at the Oak Terrace.

The Mathematical Society meeting will open at 10:30 a.m. Friday and resume at 2 p.m. and meet again at 9:30 a.m. and 11:15 a.m. Saturday. The Biometric Society will hold its first meeting at 4 p.m. Friday and another session at 8 p.m. Friday.

A buffet supper will be served at the Oak Terrace from 6 to 8 p.m. Friday and a social period will follow the night meeting of the Biometric Society.

All Y-12ers interested in the meetings are urged to attend.

Chemistry Of Odors On Radio Program

"Chemistry of Odors" or "What Your Nose Knows" will be the topic of the weekly Headlines in Chemistry radio broadcast over Oak Ridge Station WATO at 9:15 o'clock Sunday night, April 23. The program is presented under auspices of the East Tennessee Section of the American Chemical Society.

On the program Warren Rysen, of K-25, will interview C. S. Knesel, of the Atomic Energy Commission. To be brought out will be facts on new materials perfected to mask objectionable odors and also accomplishments of chemists in duplicating and improving on nature's most pleasant smells. A. B. Meservy, of K-25, will be the reporter on the program.

General Kenney Warns Of Danger

In urging immediate civilian defense planning, Air Force Gen. George C. Kenney told the Buffalo, N. Y., Junior Chamber of Commerce recently, according to a news story from that city, that just as soon as Russia believes it has enough atomic bombs to tempt an attack on the United States that the Soviets will have the capability to hit any point in the United States with an atomic attack. The general said Russia now had the largest army, largest submarine fleet and the most aircraft in the world.



6-1325
Y-12 Photos By Vince Moore
THE YOUTHFUL MUSICIANS PICTURED ABOVE ARE all children of Y-12 parents and are members of the excellent orchestra and band representing the Jefferson Junior High School that won superior ratings in the East Tennessee regional festival several weeks ago. Front row, from left, are Nellie Faye Bradshaw, daughter of R. H. Bradshaw; Frances DiCarlo, daughter of F. A. DiCarlo; Sybil Gragg, daughter of F. A. Gragg; Elizabeth Eakes, daughter of P. S. Eakes; Tanya Ditchen, daughter of Harold Ditchen; Carolyn McKenzie, daughter of T. A. McKenzie; and Roanne Roseberry, daughter of R. R. Roseberry. In the rear are Larry Lavers, son of W. D. Lavers; Bethel Poston, son of B. R. Poston; and Ray Williams, son of E. M. Williams. Also in the rear are Mrs. Alice Lyman, band instrument instructor; and in front at right is Bernard Palmer, orchestra director.

Temporary Parking Area Is Planned

With the Atomic Energy Commission scheduled to open bids on improvements of the Y-12 North Portal parking area Thursday, April 20, plans are being made here to prepare the west side of the North Portal area for temporary parking during the period of construction.

The western side of the North Portal area will be smoothed over and be ready for parking by the time the improvement project on the main portal section is started. A period of 90 days will be allowed the contractor to complete the project.

Plans Are Described

Under plans drawn by Y-12 engineers and approved by the AEC the East Lot of the North Portal will have three driveways, each 60 feet wide and paved with asphalt. Separating the driveways will be eight-foot bituminous sidewalks with concrete gutter and curb. In both of the horseshoe areas now used for parking and bus stops the roadways will be resurfaced with asphalt and a parking area provided in the center with a sidewalk down the middle.

Parking room for 278 vehicles will be provided in the improved area and space will be plainly marked to eliminate haphazard parking and enable traffic to move more freely.

To Improve Bus Shelters

Other provisions of the plans for improving the area call for elimination of the present driveway from Bear Creek Road to the eastern horseshoe area and widening of the middle entrance to the western horseshoe section. The entrance road from Bear Creek Road to the East Lot that also served the Oak Ridge National Laboratory area in Bldg. 9207 also will be widened and resurfaced. In addition, bus shelters on both sides of Bear Creek Road will be relocated and improved to benefit both Y-12 and ORNL employees.

Service Station Hours Are Changed

Changes have been made in hours of operation of the Y-12 Service Station. The station now is open from 8 a.m. to 10 a.m. and from 2:30 p.m. to 4:30 p.m., Mondays through Fridays. In case of emergency the station can be opened by calling the Transportation Dispatcher, telephone 7000.